

Specification of Quartz Crystal Units

1	NDK Part Number	NX2016SA-26MHZ-EXS00A-CS06025
2	Chipset Maker	TEXAS INSTRUMENTS
3	Application	Bluetooth BR/EDR/LE/ANT solution
4	Chipset Name	CC256X
5	NDK Specification Number	EXS00A-CS06025
6	Type	NX2016SA
7	Electrical Characteristics	
7.1	Nominal Frequency (f_{nom})	26.000 MHz
7.2	Overtone order	Fundamental
7.3	Overall Frequency Tolerance	$\pm 20 \times 10^{-6}$ max. (at -20 to +70 °C) (Including 1 year aging)
7.4	Equivalent Series Resistance (R_r)	100 Ω max.
7.5	Shunt capacitance (C_0)	0.6pF $\pm 30\%$
7.6	Motional capacitance (C_1)	1.5fF $\pm 30\%$
7.7	Motional inductance (L_1)	24.7mH $\pm 30\%$
7.8	Maximum Drive Level	100 μ W max.
8	Measurement Circuit	
8.1	Frequency Measurement	
8.1.1	Measuring Instrument	IEC π -Network
8.1.2	Load Capacitance (C_L)	8pF
8.1.3	Level of Drive	10 μ W
8.2	Equivalent Resistance Measurement	
8.2.1	Measuring Instrument	IEC π -Network
8.2.2	Load Capacitance (C_L)	Series
8.2.3	Level of Drive	10 μ W
9	Operating Temperature Range	-20 to +70 °C
10	Storage Temperature Range	-40 to +85 °C

11 Dimension

(Unit: mm)

